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TO: DSF FILES (19-533)

FROM: Chris Greene *CSC*

RE: J.P. Saad Trousdale Site

SUBJECT: Dye Trace Meeting at Grassmere Wildlife Park
On November 3, 1994

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JDR 1/24

RAB 12-6

KFA 12/7/94

A meeting at the Grassmere Wildlife Park was called by Fred Stroud (EPA OSC) so the progress of the dye trace could be communicated to persons and PRP's involved. The steering committee was represented by De Maximus and Eckenfelder. CSXT was represented by RCI and Al Ogden. Fred Stroud and Wilda Cobb (EPA Attorney) with their counterparts from Weston represented EPA. Nancy Frazier was on-site, but left before meeting started.

Dr. Crawford arrived at Grassmere and the meeting started at 3:30. Dr. Crawford displayed a water table map defining the groundwater flow patterns and highlighting the wells in the area and the divide. Dr. Crawford stated the following:

- The background receptors only detected fluorescein and only on the CSXT property.
- of the two dyes and the optical brightener injected, none have shown up.
- The plan called for eoecin to be injected in the deep monitoring well on the Saad property. This injection point was changed on-site the day of the injection to optical brightener in the shallow monitoring well on the Saad site. However, eoecin was detected in the Ogden well to the southwest of the Saad site. No one in Dr. Crawford's group has used eoecin in this region.

It is Dr. Crawford and Dr. Ogden's opinion that due to the extreme rarity of eoecin and the high concentrations of eoecin in the deep monitoring well on the Saad site, that someone has tried to sabotage or skew the dye trace. I called Robin Bell with well injection to verify that none was/is conducting a legal dye trace with eoecin in the area of our dye trace.

- Dr. Crawford will re-inject dye and optical brightener at the original injection points and flush with large amounts of water November 5, 1994.

The meeting concluded at 5:15. I went to the Saad site to inspect the deep well and the pit.

- The pit had intersected a "spring" that was flowing light black. A strong petroleum odor emanated from the spring.

The deep well casing appeared to have been cut-off approximately one foot above the surface. No water could be detected in the well. The shallow well had oil floating on top of the water. No depth of oil determination was attempted. I left the site at 5:45.